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After the improvement of the surface water sampler system of the R. V. Lura, it was decided to remodel the database and data processing system as a proof of concept that will be applied in the future.

The new work scheme improves and makes more efficient the data flow to permanent storage and infrastructures and its dissemination, throughout IEO data center, Seadatacloud and EMODNET.



R. V. Lura



Data adquisition system

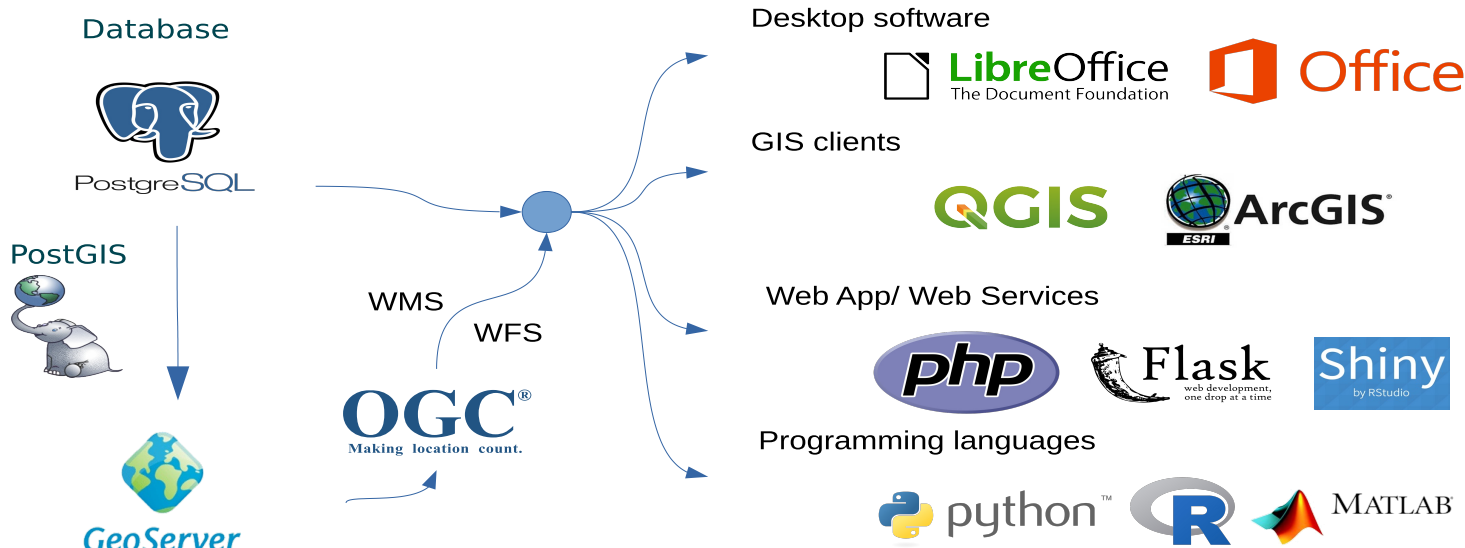


SeaBird 21 Thermosalinograph

Fluorescence CDOM Turbidity

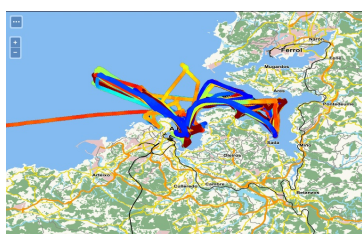


Data storage and data processing

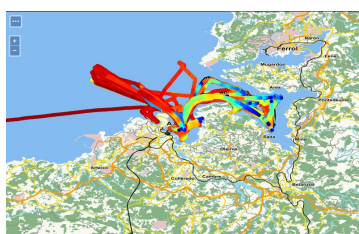


Output Examples

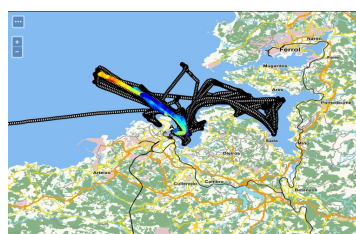
Temperature



Salinity



Fluorescence



CDOM

